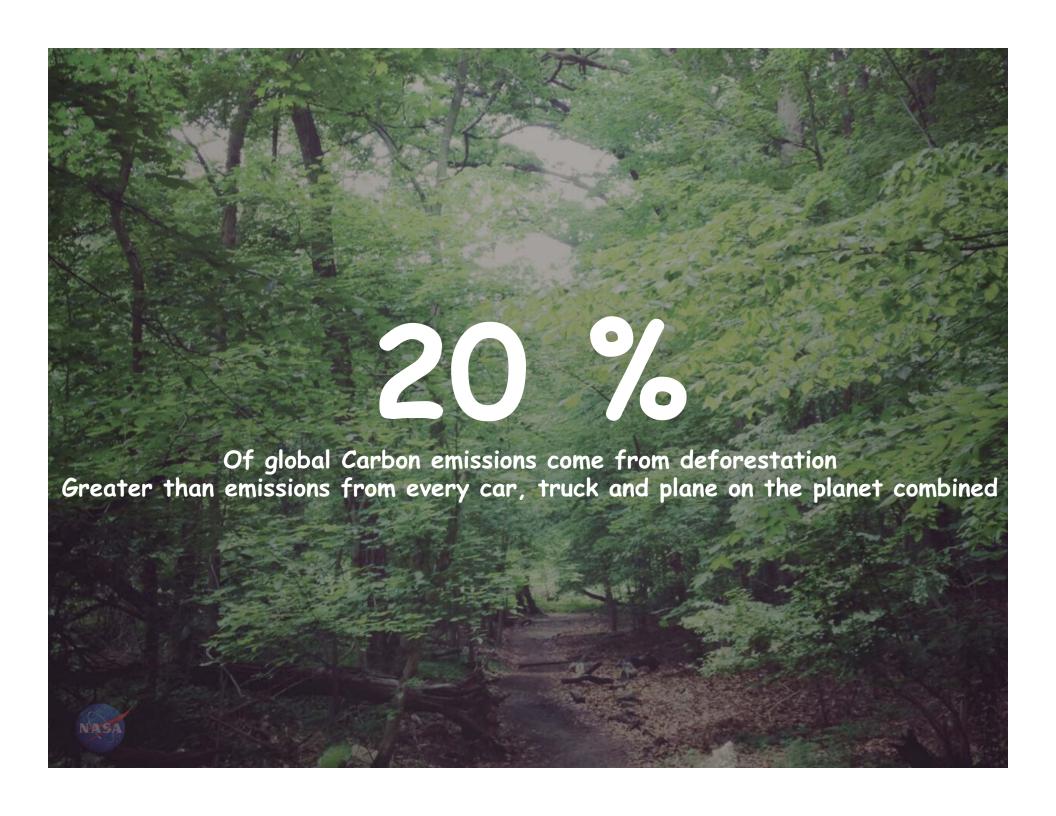
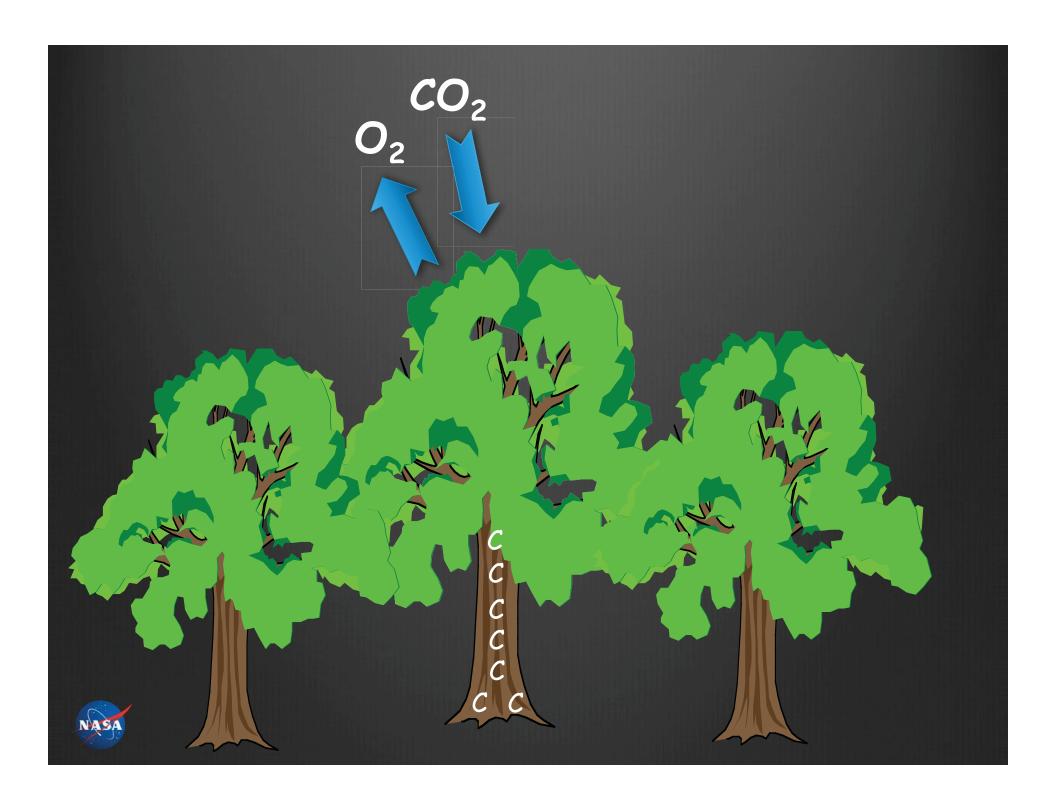


Measuring Forest Height and Biomass from Space

Lola Fatoyinbo Agueh NASA Goddard Space Flight Center

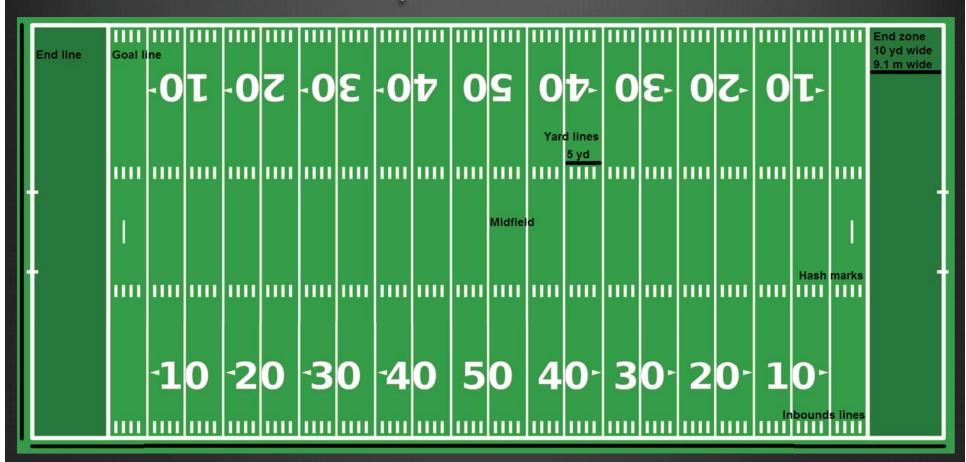








Every 2 seconds



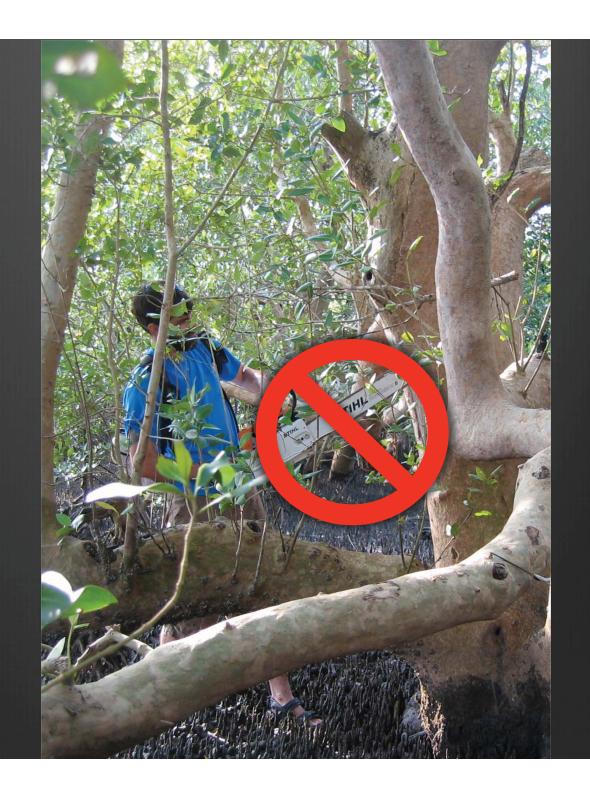
An area the size of a football field is cleared







- Destructive
- Inefficient 🗸





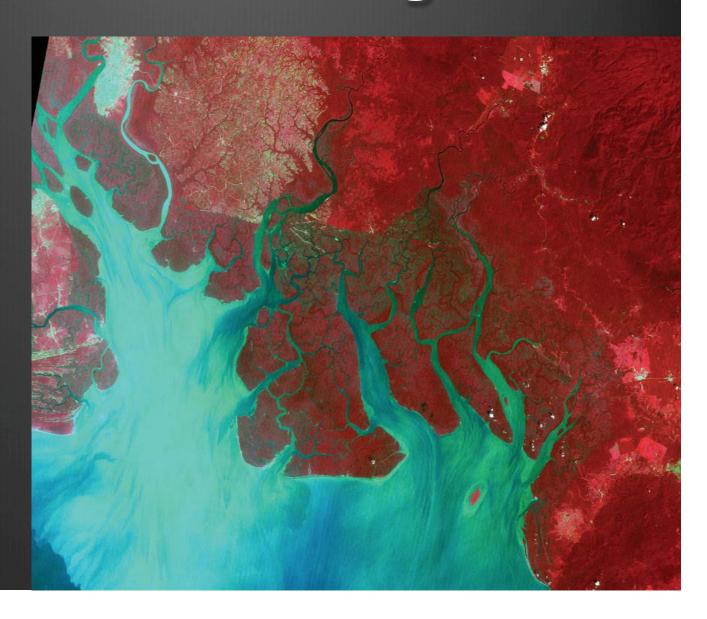




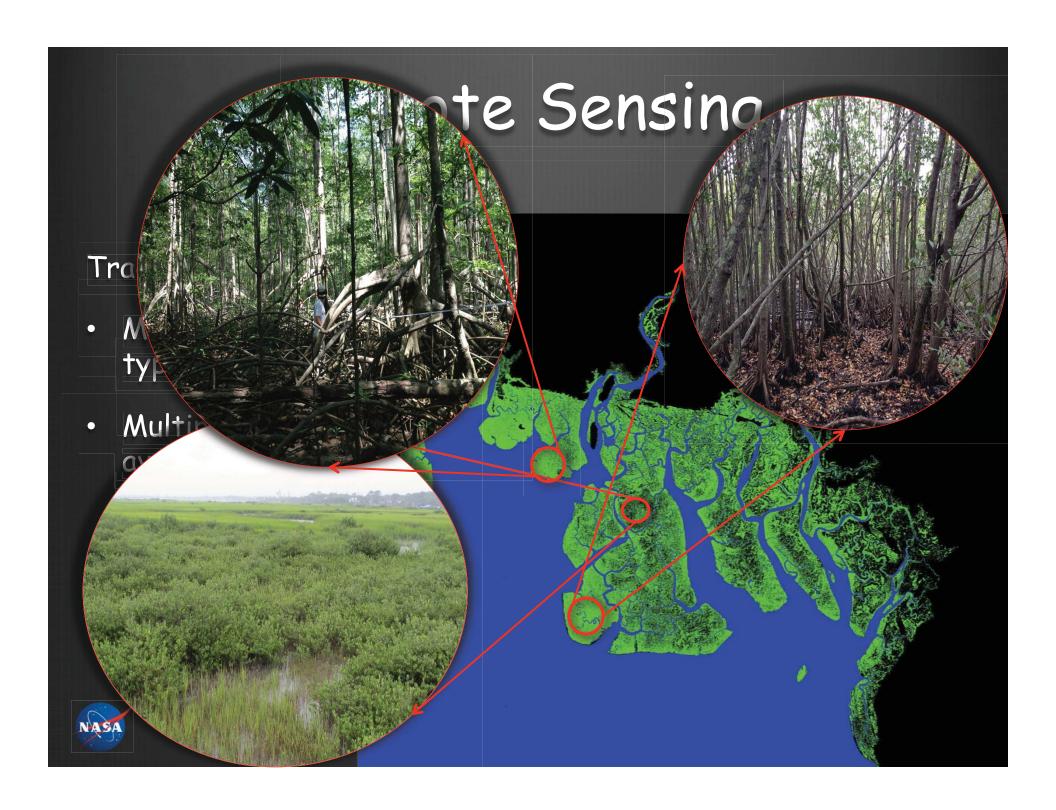
Remote Sensing

Traditionally:

Map by forest
type



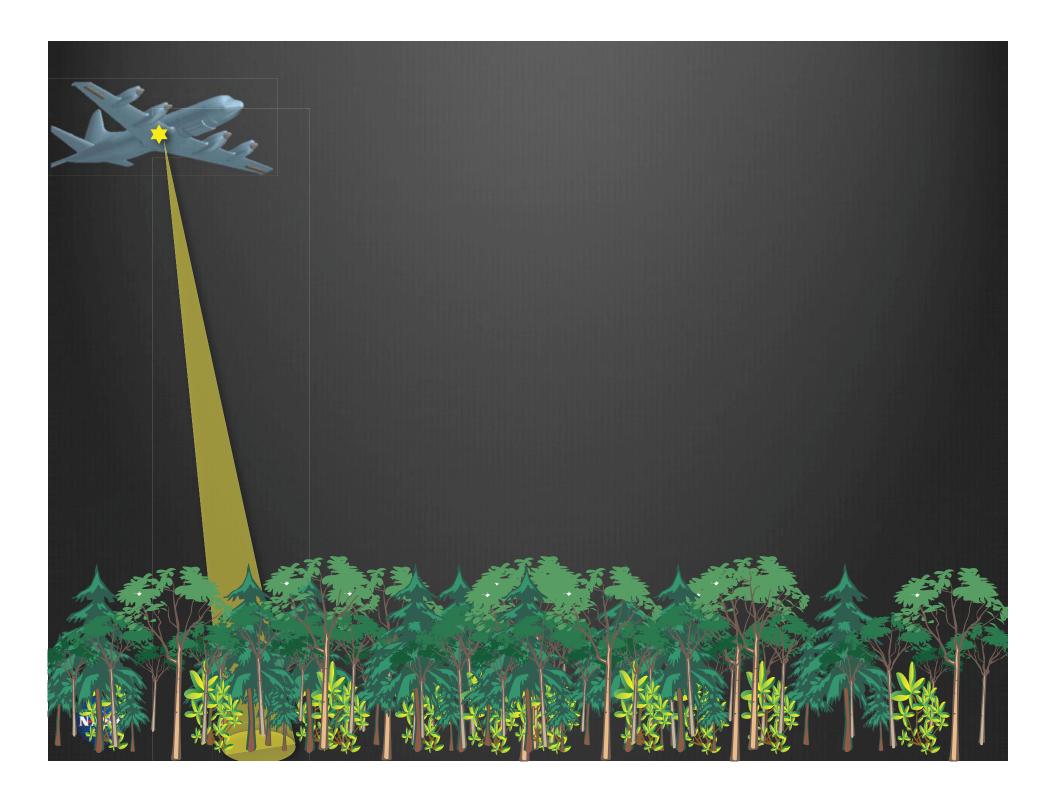


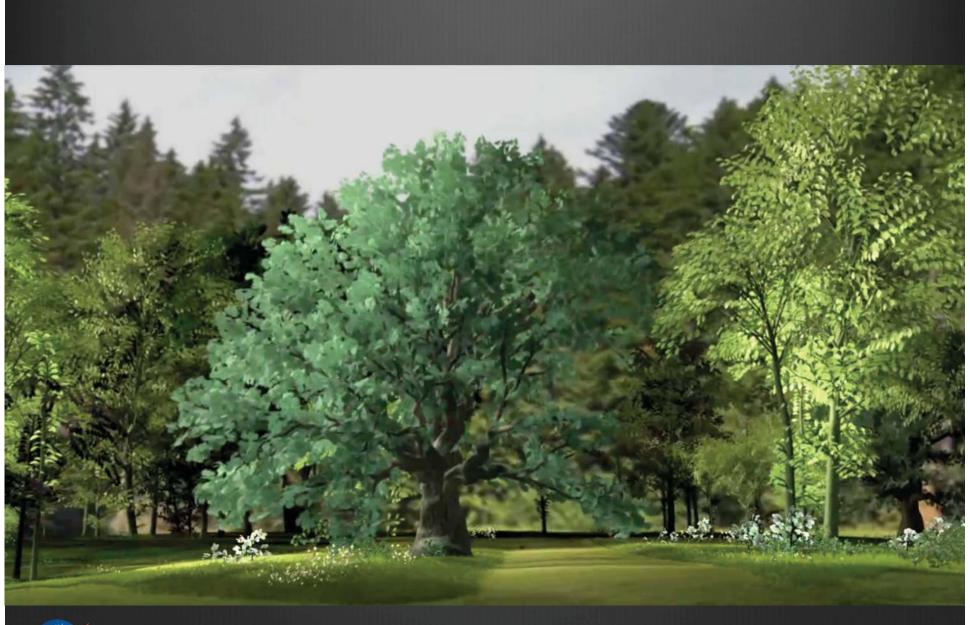


LIDAR

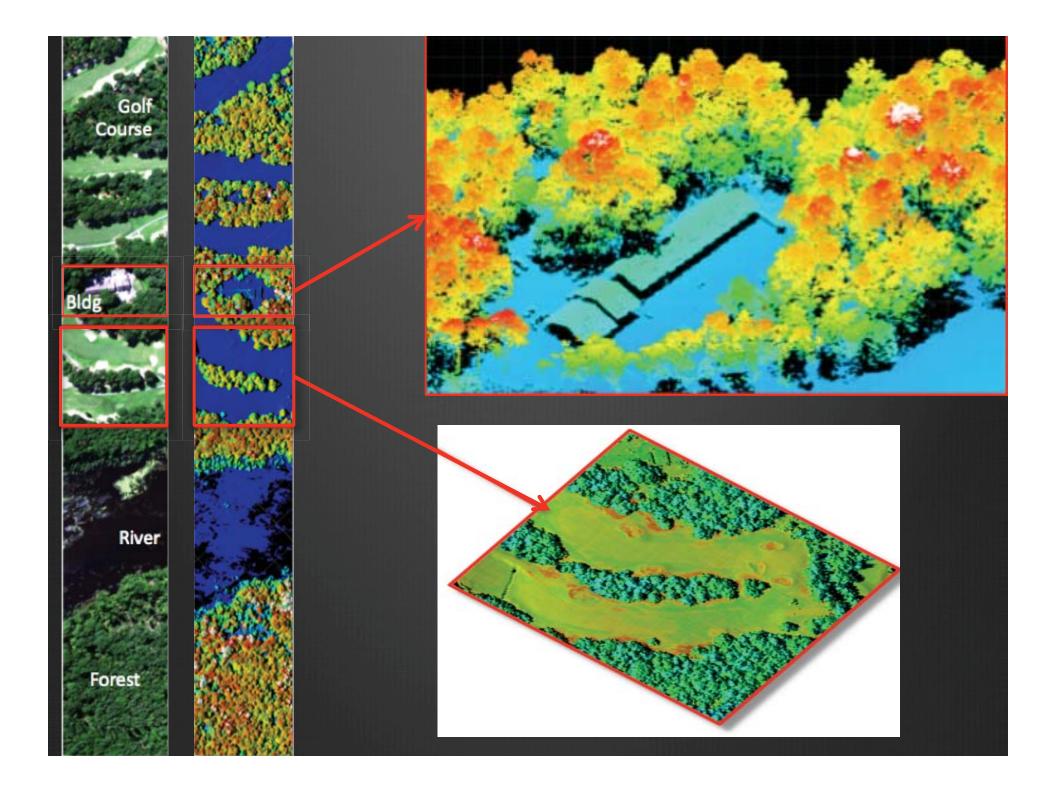
Light Detection And Ranging





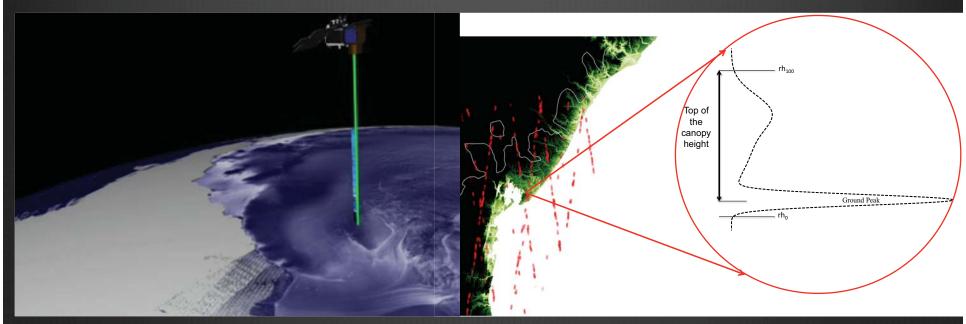








ICESAT/GLAS: 1st LiDAR in Space



Ice Cloud and Land Elevation Satellite/ Geoscience Laser Altimeter System

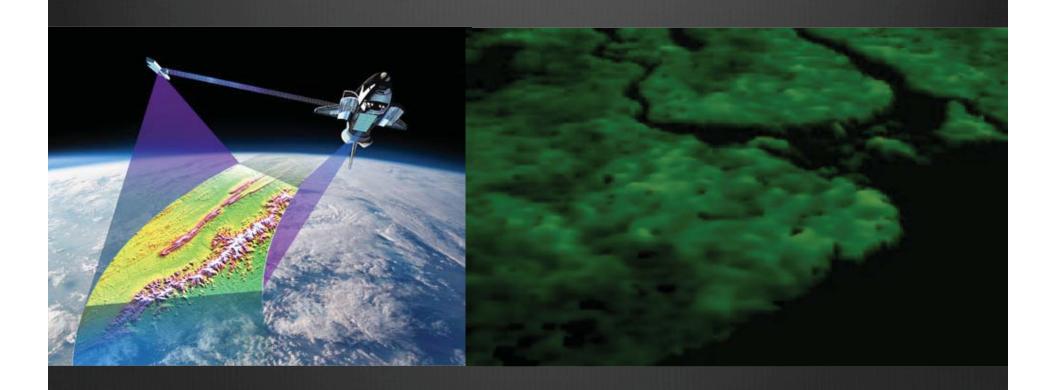


InSAR:

Interferometric Synthetic Aperture Radar



Shuttle Radar Topography Mission: 1st InSAR in Space





New Technology: EcoSAR

